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\*Admitted only in Maryland  
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•Practice Limited to  
Federal Agencies

January 23, 2004

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Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Art Unit 2834

Re: U.S. Utility Patent Application  
Application No. 10/066,349; Filed: January 30, 2002  
For: **Distributed Power System**  
Inventors: Wacknov *et al.*  
Our Ref: 2066.0270003

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Fee Transmittal Form (PTO/SB/17);
2. PTO-2038 Credit Card Payment Form in the amount of **\$655.00** to cover:  
**\$180.00** - fee for Submission of Information Disclosure Statement; and  
**\$475.00** - fee for three (3) month Extension of Time for a small entity.
3. Petition for Extension of Time Under 37 C.F.R. § 1.136(a)(1);
4. Request for Corrected Official Filing Receipt;
5. Photocopy of the Updated Filing Receipt with the correction noted in red;  
along with a copy of the second page from the specification as filed in the  
application.
6. Information Disclosure Statement (IDS);
7. Form PTO-1449 twelve (12) pages, citing one hundred fifty-three (153)  
documents, including twenty-one (21) documents: (AR1, AS1, AT1, AR2,  
AS2, AT2, AR3, AL1, AM1, AN1, AO1, AP1, AL2, AM2, AN2, AO2,  
AP2, AL3, AM3, AN3, and AO3);
8. Amendment and Reply Under 37 C.F.R. § 1.111;

Commissioner for Patents  
January 23, 2004  
Page 2

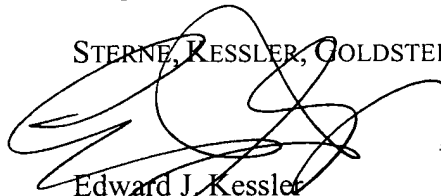
9. Copy of the Assignment as filed in U.S. Application No. 10/066,349, attached thereto (not for recordation);
10. Copy of the Assignment as filed in U.S. Patent No. 6,031,294, attached thereto (not for recordation); and
11. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Edward J. Kessler  
Attorney for Applicants  
Registration No. 25,688

EJK/VLB/gm  
Enclosures

218209.v1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re application of:

Wacknov *et al.*

Appl. No.: 10/066,349

Filed: January 30, 2002

For: **Distributed Power System**

Confirmation No.: 5210

Art Unit: 2834

Examiner: Cuevas, P.J.

Atty. Docket: 2066.0270003

**Request for Corrected Official Filing Receipt**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Attn: Office of Initial Patent  
Examination's Filing  
Receipt Corrections

Sir:

Applicants hereby request that a corrected Official Filing Receipt be issued and sent to the undersigned representative. Specifically, the following corrections to the Official Filing Receipt are requested:

**In the "Domestic Priority Data as claimed by applicant" section, line 4, please insert: - - and claims benefit of 09/207,817 12/08/1998.**

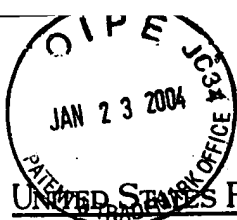
In support of the above request, a photocopy of the instant Official Filing Receipt is enclosed with the corrections noted in red, along with a copy of the second page of the specification as filed in the application. It is requested that a corrected Official Filing Receipt be issued, and sent to the undersigned at the earliest possible time.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Edward J. Kessler  
Attorney for Applicants  
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Date: 1/23/04  
1100 New York Avenue, N.W.  
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UNITED STATES PATENT AND TRADEMARK OFFICE

*Capston Turbine*

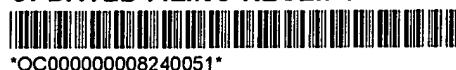
*153501-403*

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WASHINGTON, D.C. 20231  
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/066,349	01/30/2002	2834	777	153501-0403	25	44	6

01622  
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NEWPORT BEACH, CA 92660

CONFIRMATION NO. 5210  
UPDATED FILING RECEIPT



\*OC000000008240051\*

Date Mailed: 06/06/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Joel Wacknov, Thousand Oaks, CA;  
Everett R. Geis, Orange, CA;

**Domestic Priority data as claimed by applicant**

THIS APPLN CLAIMS BENEFIT OF 60/265,016 01/30/2001  
AND CLAIMS BENEFIT OF 60/265,017 01/30/2001  
AND CLAIMS BENEFIT OF 60/264,991 01/30/2001  
AND CLAIMS BENEFIT OF 09/207,817 12/08/1998

**Foreign Applications**

If Required, Foreign Filing License Granted 04/03/2002

Projected Publication Date: 09/12/2002

Non-Publication Request: No

Early Publication Request: No

**\*\* SMALL ENTITY \*\***

Title

**RECEIVED**

**JUN 13 2002**

**IRELL & MANELLA LLP**

Distributed power system

**Preliminary Class**

290

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Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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## CROSS REFERENCE TO RELATED APPLICATIONS

This application claims priority from co-pending U.S. Patent Application Serial No. 09/207,817, filed December 8, 1998, assigned to the assignee of the present application, and U.S. Provisional Application Serial Nos. 60/265,016, 60/265,017, and 60/264,991, filed on January 30, 2001, the contents of each of which is fully incorporated herein by reference.

## BACKGROUND OF THE INVENTION

### 1. Field of the Invention

This invention relates generally to power generation, distribution and processing systems and in particular to a power generation and/or distribution system which combines a microturbine with an energy storage device.

### 2. Background of the invention

Conventional power generation and distribution systems are configured to maximize the specific hardware used. In the case of a conventional turbogenerator, for example, the output or bus voltage varies with the speed of the turbine engine. In such systems, the turbine speed must be regulated to control the output or bus voltage, making it less efficient.

The assignee of the present disclosure has designed and developed efficient microturbines for a myriad of applications including power grid and stand-alone applications, to name a few. While these microturbines yield very low emissions and high thermal efficiency, they may have a slow transient response to certain load changes.